

Project SensorWeb Standup Notes

Upcoming Team PTO/OTOO	Upcoming Project Milestones
<ul style="list-style-type: none">•	<ul style="list-style-type: none">• Demo dates:<ul style="list-style-type: none">◦ February 10

- Project wiki <https://wiki.mozilla.org/SensorWeb>
 - Sensor Project folder: [SensorWeb google folder](#)
 - Source code: <https://github.com/mozilla-sensorweb>
 - Product Innovation Board update: [Aug 10th Project Update Presentation](#)
 - Product Plan: [SensorWeb Product Plan](#)
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- Use this template for daily standup meeting: [SensorWeb Standup Template](#)
 - Standup notes [Archive](#)

Meeting Topic: Sensor Web Stand-up

Date: February 01, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">• Discuss issue prioritization (bugs)
Product	David	<ul style="list-style-type: none">• Release notes started for dev beta• Started EVT stories
Market Research	Irina	<ul style="list-style-type: none">•
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none">• Will set up cloud documentation meeting for Friday before standup• Need to provide a dev/staging instance of cloud servers for security team to test -- i will follow up with them to understand timing Marcus: <ul style="list-style-type: none">• Finished 'rename sensor' and 'reorder favorites'
	Firmware / Updater	Dave: <ul style="list-style-type: none">• Got bluetooth sw running on SensorWeb board• Need to write code on cc3200 to parse SSID/password• Need to work on flashing code Thomas: <ul style="list-style-type: none">• Working on XML parser Fabrice: <ul style="list-style-type: none">•
	Cloud Services	Fernando:

		<ul style="list-style-type: none"> Refactor to normalize basic and user auth flows to include client information and proper signature done. Working on tests now. Reviews Looking at beta service user stories spreadsheet <p>Alberto:</p> <ul style="list-style-type: none"> Landed Issue #245 Working on Issue #244 Taking a look on how to implement logical operators on filter <p>Julien:</p> <ul style="list-style-type: none"> <p>Russ:</p> <ul style="list-style-type: none"> Discussed timeframe for finishing setting data source with Fernando (probably will move to next sprint) Fixed code coverage issue with association verification
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> Worked on Jira, adding more test cases Helped Manel to get the website automated UI tests working. Investigating why there are some issues running them on firefox <p>Michael:</p> <ul style="list-style-type: none"> Added tests for US 175, 179, 189 Helping Isabel troubleshoot some javascript/firefox issues
Hardware	John Colombo	<ul style="list-style-type: none">
UX	Jacqueline	<ul style="list-style-type: none">
Program Mgt	Julie	<ul style="list-style-type: none"> Story and bug review with David. Reviewed beta service and developer offering marketing plan with Porfirio at stakeholder meeting. Requested vulnerability assessment.
Bug prioritization		<ul style="list-style-type: none"> There are important issues we need to prioritize Include bugs in sprint planning. Isabel to have the list prepared by the Monday sprint planning Isabel to call out during the sprint the bugs that are critical (P1s). <ul style="list-style-type: none"> P1 - broken functionality or impacting functionality or UX

Meeting Topic: Sensor Web Stand-up

Date: Tues January 31, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none"> Worked with Porfirio yesterday on journey for the developers. Haven't decided yet about marketing link. Thinking about using unbounce. Porfirio knows it's due at the end of the week.

		<ul style="list-style-type: none"> Looking ahead to EVT and what we'll need to do for that. Trying to get out ahead.
Market Research	Irina	<ul style="list-style-type: none">
Software xEngineering	App / Web	<p>Dylan:</p> <ul style="list-style-type: none"> Received server details from SensorUp, forwarded to cloud team Checked out Google Tag Manager, looks like that makes sense for us <p>Marcus:</p> <ul style="list-style-type: none"> Continuing work on favorites and other sprint items
	Firmware / Updater	<p>Dave:</p> <ul style="list-style-type: none"> Got DK sending ssid and password via serial (still need to write parser which runs on the cc320). Working on board definition for our board. Discovered another open source bluetooth stack for the nrf5x as part of a project called zephyr. Issue with using open source stacks is that they aren't "certified", whereas the softdevice from nordic is pre-certified. Runtime.io may offer a pre-certified version of the mynewt stack - need to investigate. <p>Thomas:</p> <ul style="list-style-type: none"> Working on simple XML parser for decoding responses to Balrog requests <p>Fabrice:</p> <ul style="list-style-type: none">
	Cloud Services	<p>Fernando:</p> <ul style="list-style-type: none"> Reviews Still working on authentication related issues Updated dev server with sprint 6 patches. Something broke the DB. Investigating. Mostly DOM work today <p>Alberto:</p> <ul style="list-style-type: none"> Landed geo.intersects function (\o/) Working on a bug Julien reported. Just submitted a patch. <p>Julien:</p> <ul style="list-style-type: none"> <p>Russ:</p> <ul style="list-style-type: none"> Db hook mechanism landed Today: Work on implementing finishing task of setting source data (sensor web server to implement db hook: get client name and set on Things property).
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> Checked USs for sprint 7. Will start creating test cases for them PR to remove the OGC allowed failures in travis Worked on admin-panel ui tests <p>Michael:</p> <ul style="list-style-type: none"> Created an Issue for how the map is laid out on the website Starting to work on test cases for sprint 7

Hardware	John Colombo	<ul style="list-style-type: none"> Awaiting funding decision
UX	Jacqueline	<ul style="list-style-type: none"> Working on designs for sprint 7
Program Mgt	Julie	<ul style="list-style-type: none"> Worked on Jira story management with David Bialer. Pulled the stories pertaining to API back into the backlog. User research meetings. David, Jacqueline, and Tif discussed user study questions with Mihaela and Rina.

Meeting Topic: Sprint 7 Planning

Date: Monday, January 30, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none">
Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> PTO most of Friday Marcus: <ul style="list-style-type: none"> Julien: <ul style="list-style-type: none">
	Firmware / Updater	Dave: <ul style="list-style-type: none"> Got distracted - started to look at an IoT framework called mynewt. Amongst other things they have a bluetooth stack for the nRF51 which removes/replaces the need for the softdevice, and its all opensource. Thomas: <ul style="list-style-type: none"> Cc3200 can now connect to my local Balrog service and download update information in XML format Next is parsing the infos for image's URL, size, hash, etc. Fabrice: <ul style="list-style-type: none">
	Cloud Services	Fernando: Suggestions from Fernando (who couldn't attend sprint planning: <ul style="list-style-type: none"> Continue work on API authentication and multi-tenant/multi-user support. Continue work on db hooks and setting data source. Continue work on import from 3rd party data sources. Improve geo based searches on ST API. Some bug fixing on ST API. Create view to manage ST entities through admin panel.

		<p>Other ideas for March 1 beta service:</p> <ul style="list-style-type: none"> Analytics for sw-server. It would be great if we could set up some basic telemetry to be able analyze how are the devs from the beta program using our service. Improved logging story for sw-server. In order to debug potential issues on the beta service, we need to log requests/responses and provide an easy way to access them. Production and staging servers. We now have a dev server running, but we need at least one more server for the beta, so we can continue using the current dev server for dev purposes. An extra staging server would also be very useful. Have we thought about a domain name for the beta? Documentation. The beta is targeted for developers, we need to improve the existing API documentation and provide better examples of how to use our APIs. Being able to use something like https://github.com/lord/slate would be great. Backups. Not a top priority, but the sooner we have a backup mechanism in place, the better. <p>Alberto:</p> <ul style="list-style-type: none"> Working on geo.intersects. Almost ready to send for review. <p>Russ:</p> <ul style="list-style-type: none"> Finished db hook tests Make final code changes and land patch
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> Open a new issue for website Working on UI tests Started to think on the admin-panel UI tests <p>Michael:</p> <ul style="list-style-type: none">
Hardware	John Colombo	<ul style="list-style-type: none">
UX	Jacqueline	<ul style="list-style-type: none">
Program Mgt	Julie	<ul style="list-style-type: none">

Meeting Topic: Sensor Web Sprint 6 Demo

Date: Friday January 27, 2017

Sprint Highlights

Firmware

- Bluetooth
 - Crypto is up & running
 - Generation of public keys & secrets
 - Successfully transmitted encrypted SSID/passwd from phone to the BT process

- OTA
 - Balrog update server up & running locally, confirmed it is capable of serving updates for SWeb
- Sensor data collection
 - Continued work on JSON serializer to package up sensor readings

Cloud

- SensorThings
 - Conformance tests ([results](#))
 - Database hooks in place to allow specification of data source, other Thing properties
- Client authentication (WIP)
 - Permissions
 - Admin panel UI ([demo](#))
- Multi-tenant & Multi-user support (WIP)
 - Allow for sandboxes, private data
- Import of 3rd party data
 - Parsing of LASS and EPA data files

Website

- User stories:
 - Favorites:
 - Save a sensor to favorites
 - Remove a sensor from favorites
 - Rename a favorite [UX specs only]
 - Show Favorites panel on app launch
 - Indicate favorites on map
 - Navigation
 - Updated navigation for mobile (favorites/map/search tabs)
 - Favorites → map view
 - Search → map view
 - Updated sensor detail view

- Test run status ([dashboard](#)):

60 Tests: 33 Passed, 14 Failed, 11 Blocked (mainly regarding Rename a Favorite), 2 Pending to test. All issues in [github](#) marked with sprint6_TR

Meeting Topic: Sensor Web Stand-up

Date: Friday January 27, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	•

Product	David	<ul style="list-style-type: none"> • Yeah for Jira. Reviewed and Tee up stories for next sprint with Dylan, Jackie and Julie. Starting to come together more. Still have some developer SDK stories to fix up for next week. • Next sprint 7 will focus on: <ul style="list-style-type: none"> ◦ Cleaning up site details - zooming, text on some pages, performance, reorg/rename favorites, analytics, data preload, weather ◦ Getting Developer release ready - Review API completion, queries, operators, Code Samples, Legal, Release notes, security/key issuing ◦ HW - letting Dave and Thomas do their thing but want to help them more in providing product support. • Will dig into HW/Firmware, Features needed for EVT next. • Sit down next week with Devs to get better handle on EVT release: HW, Cloud Service, OTA, Push, Accounts, Security, App vs Web changes.
Market Research	Irina	<ul style="list-style-type: none"> •
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> • Marcus: <ul style="list-style-type: none"> • Continuing work on sprint tasks. <ul style="list-style-type: none"> ◦ Rename Sensor unlikely to land this sprint. ◦ "If no sensors in current area, zoom out" ◦ Not tested on mobile; layout issues likely prevalent (some spotted by isabel already) ◦ More work today focusing on favorites • Screenshots:
	Firmware / Updater	Dave: <ul style="list-style-type: none"> • Cleanup on BT code. • Will add serial comms and try to get running on our board. Thomas: <ul style="list-style-type: none"> • Implementing device-side Balrog support Fabrice: <ul style="list-style-type: none"> •
	Cloud Services	Fernando: <ul style="list-style-type: none"> • Mostly working on authentication related tasks • Added admin panel UI to set client permissions • Reviews Alberto: <ul style="list-style-type: none"> • Julien: <ul style="list-style-type: none"> • Russ (read-only, not feeling well): <ul style="list-style-type: none"> • Db hook tests, hopefully finishing today
	QA	Isabel: <ul style="list-style-type: none"> • Executing test cases. Opening issues for failing tests and issues found

		Michael: <ul style="list-style-type: none"> Executed the test case run for this sprint. Sent notes to Isabel. Added comments to github issues.
Hardware	John Colombo	<ul style="list-style-type: none">
UX	Jacqueline	<ul style="list-style-type: none">
Program Mgt	Julie	<ul style="list-style-type: none">

Meeting Topic: Sensor Web Stand-up

Date: Thursday, January 26, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none"> Working on better organization within Jira
Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> Provided additional data detail to Marshall, legal meeting today Marcus: <ul style="list-style-type: none"> Julien: <ul style="list-style-type: none"> Fixed small bugs in how we recover observations
	Firmware / Updater	Dave: <ul style="list-style-type: none"> Got my first encrypted SSID/password sent from my phone to my nRF51DK. The RSSI reporting isn't as good as what the RPi has, so I can't limit the "closeness" as well. It appears to be about 12-18 inches from the DK board is the closest I can limit things. Thomas: <ul style="list-style-type: none"> Created Balrog patch for serving SensorWeb updates Next is device-side support for fetching update information from Balrog Fabrice: <ul style="list-style-type: none"> <platform meeting today>
	Cloud Services	Fernando: <ul style="list-style-type: none"> Reviews Landed a couple of patches related to permissions. More work on authentication. Tuesdays and Thursdays I'm focused on DOM team work. Alberto: [sorry, will miss today's standup]

		<ul style="list-style-type: none"> Finally fixed all level 3 Compliance tests issues (review pending) Working on #227, for searching sensors inside a Polygon <p>Julien:</p> <ul style="list-style-type: none"> Still working on 3rd party importer, moving towards a solution <p>Russ:</p> <ul style="list-style-type: none"> Addressing review comments, updating db hook tests
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> Finished jira work regarding some tests cases (SW-166 is marked as sprint 6 in excel but not into that sprint in jira, added the tests to test run. Also added the tests for SW-168 which is in sprin 4 but has new features to be tested this sprint) Checked latest version of Wireframes Created Srpint 6 Test Run to start executing the tests today. Will start today and continue tomorrow Checked and replied to Marcus comments on Selenium PR. <p>Michael:</p> <ul style="list-style-type: none"> Read through Isabel's guide on creating test runs, viewing the dashboard and how to link test results to github issues. Looked at Selenium tests to get a feel for how to create more.
Hardware	John Colombo	<ul style="list-style-type: none">
UX	Jacqueline	<ul style="list-style-type: none">
Program Mgt	Julie	<ul style="list-style-type: none"> Paid KD! Program update has been written User story grooming today

Meeting Topic: Sensor Web Stand-up

Date: Weds January 25, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none"> <i>Read only updates for today, standup canceled due to CD Retrospective</i>
Product	David	<ul style="list-style-type: none">
Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	<p>Dylan:</p> <ul style="list-style-type: none"> <p>Marcus:</p> <ul style="list-style-type: none">
	Firmware / Updater	<p>Dave:</p> <ul style="list-style-type: none"> <p>Thomas:</p>

		<ul style="list-style-type: none"> Working on SensorWeb support in Balrog Fabrice: <ul style="list-style-type: none">
	Cloud Services	Fernando: <ul style="list-style-type: none"> Alberto: <ul style="list-style-type: none"> Working on a complex issue with \$skip. It seems an error on the ORM we are using. Julien: <ul style="list-style-type: none"> Russ: <ul style="list-style-type: none">
	QA	Isabel: <ul style="list-style-type: none"> Created PR to add the UI tests to sensorweb repo Worked on jira, will create the test run for sprint 6 Michael: <ul style="list-style-type: none">
Hardware	John Colombo	<ul style="list-style-type: none">
UX	Jacqueline	<ul style="list-style-type: none">
Program Mgt	Julie	<ul style="list-style-type: none">

Meeting Topic: Sensor Web Stand-up

Date: Tuesday, January 24, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none"> Reorging Jira into new taxonomy and epics Developer SDK Stories Upload - partially Developer SDK Epics
Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> Met with Marshall about data collection & reporting. His initial read is that we don't need to bother with fuzzing the GPS but he will consider it further after understanding more about the metadata we collect about our devices Contacted SensorUp to ask about test server that we can pull data from. They said they will provide the info soon. Marcus: <ul style="list-style-type: none"> Finishing some detail-drawer work

	Firmware / Updater	<p>Dave:</p> <ul style="list-style-type: none"> • <PTO> <p>Thomas:</p> <ul style="list-style-type: none"> • <p>Fabrice:</p> <ul style="list-style-type: none"> • Still working on the ST client api.
	Cloud Services	<p>Fernando:</p> <ul style="list-style-type: none"> • Mostly busy with DOM team work • Reviews • More work on authentication. Addressing julienw's feedback <p>Alberto:</p> <ul style="list-style-type: none"> • 3 errors remaining :) • Landed a fix for an issue with \$orderby • 1 of the errors is probably test suite's fault (https://github.com/opengeospatial/ets-sta10/issues/35) • Investigating \$skip bug <p>Julien:</p> <ul style="list-style-type: none"> • <p>Russ:</p> <ul style="list-style-type: none"> • Updated PR for db hook mechanism (needs tests) • Today: tests for db hook mechanism
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> • Created more tests and the details for each one • Open a few issues that are happening now and better to track • Check Michael's comments about tests/USs • Worked on tests for ui, I will create a PR to add them to sensorweb-webiste repo <p>Michael:</p> <ul style="list-style-type: none"> • Worked on writing test steps for US • Cloned and tested Isabel's QA repo • One Question: If a sensor's data is over 24 hours old does it show up on the map? If so, how is it shown?
Hardware	John Colombo	<ul style="list-style-type: none"> •
UX	Jacqueline	<ul style="list-style-type: none"> • Continuing the wireframes work on desktop and details
Program Mgt	Julie	<ul style="list-style-type: none"> •

Meeting Topic: Sensor Web Stand-up

Date: Monday, January 23, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none"> •

Product	David	<ul style="list-style-type: none"> Reviewing wireframes Finishing some SDK user stories (sensorthings “stuff”) - breaking them into individ. stories, mainly for testing reasons Looking at features for the device itself (dimming lights in prefs., for example) Need to put this on a list of things to talk to Kaizen about.
Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	<p>Dylan:</p> <ul style="list-style-type: none"> Need to clean up some of the old Jira stories in the grooming session. <p>Marcus:</p> <ul style="list-style-type: none"> User stories on track. Questions: <ul style="list-style-type: none"> SW-183 - Register my interest in getting a sensor SW-181 - Explanation of PM 2.5 data Marked as Sprint 6?
	Firmware / Updater	<p>Dave:</p> <ul style="list-style-type: none"> Continuing to work on bluetooth Taking Tues off (PTO) Sent links to the crypto libs I'm using to Thomas <p>Thomas:</p> <ul style="list-style-type: none"> Making myself familiar with docker and balrog <p>Fabrice:</p> <ul style="list-style-type: none"> Split out sensor code from the cc3200-rs crate to live in a launchpad-xl crate: https://github.com/fabricedesre/launchpadxl-board
	Cloud Services	<p>Fernando:</p> <ul style="list-style-type: none"> Reviews Continue work on API authentication <p>Alberto:</p> <ul style="list-style-type: none"> Working on bugs related to query options Landed 2 patches (issue decoding url params + odata parser datetime) Sent a new PR to review (filter 'le' and 'ge') Only 4 tests failing! <p>Julien:</p> <ul style="list-style-type: none"> Working on importing 3rd party data. Created a separate service that will interact with the server through the sensorthings API.. <p>Russ:</p> <ul style="list-style-type: none"> Created PR for allowing the clients of the SensorThings API to create db hooks, which we will use to set the data source of sensor data Today: address Fernando's review comments
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> Created tests for USs in Jira (SW-165, SW-170,SW-178,SW-180) with the steps and expected. Tests on other USs without details yet.

		<ul style="list-style-type: none"> Added Michael's comments to tests Sent a email with a few questions: about US in this sprint and regarding flow to Rename a sensor <p>Michael:</p> <ul style="list-style-type: none"> Looked over and commented on the User Stories for this sprint at Isabel's request. Will help Isabel out with detailing the test cases
Hardware	John Colombo	<ul style="list-style-type: none">
UX	Jacqueline	<ul style="list-style-type: none"> Continuing to change details and add the missing stories from the wires Continuing to work on the desktop wires
Program Mgt	Julie	<ul style="list-style-type: none"> Added sprints to Jira for SensorWeb project Working on KD invoices Re-scheduling data compliance review with Marshall Erwin Building out SensorWeb schedule

Meeting Topic: Sensor Web Stand-up

Date: Friday, January 20, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none"> User Stories for Service in Jira Legal team - data compliance Patrick working on sourcing data for pre-pop Working on SDK User stories and will upload. Need to figure out code samples for release
Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	<p>Dylan:</p> <ul style="list-style-type: none"> Met with legal/data reps, started to give an overview of the data we're collecting and the 3rd party data we'd like to use. Followup meeting on Monday to discuss any additional security we need to implement (gps fuzzing?) <p>Marcus:</p> <ul style="list-style-type: none"> Made the details drawer draggable, gripper, etcl Addressed several theming issues Show
	Firmware / Updater	<p>Dave:</p> <ul style="list-style-type: none"> Continuing to work on Bluetooth. Got standalone project building. <p>Thomas:</p>

		<ul style="list-style-type: none"> • <p>Fabrice:</p> <ul style="list-style-type: none"> • Discovered that our CI was not actually testing if builds succeeded. Fixed by locking the version of the cross compilation driver and improving a build script.
	Cloud Services	<p>Fernando:</p> <ul style="list-style-type: none"> • Reviews • Landed multi-tenant support on ST API. Will allow us to create sandboxes for the beta. • Working on API authentication <p>Alberto:</p> <ul style="list-style-type: none"> • <p>Julien:</p> <ul style="list-style-type: none"> • <p>Russ:</p> <ul style="list-style-type: none"> • Working on how to set the source for the sensorthings data. Plan to use 'sequelize' hooks to add an 'owner' property to 'Things' instances (the value of the property will be client name). Did a proof of concept yesterday on the use of the hooks. Will work on generic mechanism allowing consumers of the ST API to implement any of the database hooks.
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> • Walked David through the process of creating what he needed in Jira • Looked at the new Wireframes • Started to create the test cases in Jira for the Sprint 6 USs • Talked to Manel about some questions she had <p>Michael:</p> <ul style="list-style-type: none"> • Figured out some basic tests, now working on automating them on a schedule to see how well that works
Hardware	John Colombo	<ul style="list-style-type: none"> •
UX	Jacqueline	<ul style="list-style-type: none"> • Finished another round of the wireframes and sent them out.
Program Mgt	Julie	<ul style="list-style-type: none"> • Updated KD on status of funding approval. • Held weekly legal meeting. • Need to finalize requirements for resources.

Meeting Topic: Sensor Web Stand-up

Date: Thursday, January 19, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none"> •

Product	David	<ul style="list-style-type: none"> • Prepared for PLR • Reviewed Retrospective Survey Data for CD • Reviewed Service User Stories https://docs.google.com/spreadsheets/d/1cRao97f8JmIMUQzwUqTO4c9QGxTNK4NXgZHBobFrVdY/edit?ts=58790bfc#gid=1138345760 • Working on SDK Stories - work in progress here: https://docs.google.com/a/mozilla.com/spreadsheets/d/1sIlXDGjkjB3h5LHvo5oV_AISrwWwRjKgUyCXguEfols/edit?usp=sharing • Get into Jira
Market Research	Irina	<ul style="list-style-type: none"> •
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> • Marcus: <ul style="list-style-type: none"> • Implemented tabbed interface • Re-implemented draggable details drawer (wip) • Search/Favorites improvements Julien: <ul style="list-style-type: none"> • Landed FB auth flow • Looking into import of 3rd party
	Firmware / Updater	Dave: <ul style="list-style-type: none"> • Starting to pull things together on the bluetooth processor. Thomas: <ul style="list-style-type: none"> • Got Balrog working • Boot loader Fabrice: <ul style="list-style-type: none"> • [read-only] finished code reorg (need to send PR), working on SensorThing library.
	Cloud Services	Fernando: <ul style="list-style-type: none"> • Reviews • Busy with DOM team work Alberto: <ul style="list-style-type: none"> • Working on a complex bug with multilevel expanding • Checking gerard_majax's issues with last API deployment Russ: <ul style="list-style-type: none"> • Final changes to CreateObservations PR (landed) • Updated API docs to include CreateObservations (landed) • Will talk to Fernando about picking up Issue #28 (Allow setting the source of the data)
	QA	Isabel: <ul style="list-style-type: none"> • Thinking on the test cases per US to write • Progress on automated tests • Sent QA info to Manel Michael: <ul style="list-style-type: none"> • Made some progress on using Selenium on the sensorweb website

		<ul style="list-style-type: none"> We also got contacted by Manel who wants to help do QA work so, "Yay!"
Hardware	John Colombo	<ul style="list-style-type: none"> Provided justification for laser sensor - 97% accurate vs. 80% accuracy for the first sensor we identified. Important to get the accuracy right for hyper local data. BOM cost won't go up.
UX	Jacqueline	<ul style="list-style-type: none"> Continuing work on beta wireframes LED to display errors (status) - don't want to use the ring of LEDs for this purpose.
Program Mgt	Julie	<ul style="list-style-type: none">

Meeting Topic: Sensor Web Stand-up

Date: Wednesday, January 18, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none"> Prepared for review with Jim, which ended up being canceled. Review of SensorWeb project will be done at PLR this evening. Stories written for work needed for beta service launch, which includes SDK.
Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> Marcus: <ul style="list-style-type: none"> Added real weather API Added local-saving favorites Selected a less ugly map tileset (for now) Implemented Celsius/Fahrenheit settings toggle Julien: <ul style="list-style-type: none">
	Firmware / Updater	Dave: <ul style="list-style-type: none"> Found a small crypto library for arduino that implements Curve25519 and AES. Got it working under linux, need to get it working on the nrf51822 Thomas: <ul style="list-style-type: none"> Pushed OTA code and examples to Github for review Experimenting with Balrog for server-side infrastructure Writing application bootloader Fabrice: <ul style="list-style-type: none"> Finishing some cleanup/code reorganisation

	Cloud Services	<p>Fernando:</p> <ul style="list-style-type: none"> • Reviews • Sprint 6 and following planning • Got my dev kit :) <p>Alberto:</p> <ul style="list-style-type: none"> • Landed 3 new issues regarding OGC tests (only 5 tests remaining) • Landed multi-level \$expand • Working on some small issues with \$expand <p>Russ:</p> <ul style="list-style-type: none"> • Got final CreateObservations test working, addressed third round of Fernando's review comments, updated PR. • Got Fernando's review approval, will make final code changes and then will land the CreateObservations PR. <p>Julien:</p> <ul style="list-style-type: none"> • Got tests passing for the facebook auth flow
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> • USs review, meeting with David about that and jira • Looked at the latest website UI • Weekly automation meeting and more investigations <p>Michael:</p> <ul style="list-style-type: none"> • Got some basic tests running with Selenium IDE, going to work on creating some tests with the sensorweb website and then scheduling them as if it was an automated setup
Hardware	John Colombo	•
UX	Jacqueline	•
Program Mgt	Julie	•

Note: The Tuesday, January 17th Stand-up was canceled because it conflicted with the January CD All Hands.

Meeting Topic: Sensor Web Stand-up

Date: Monday, January 16, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	•
Product	David	• US Holiday
Market Research	Irina	• US Holiday
Software Engineering	App / Web	<p>Dylan:</p> <ul style="list-style-type: none"> • US Holiday <p>Marcus:</p>

		<ul style="list-style-type: none"> US Holiday Julien: <ul style="list-style-type: none">
	Firmware / Updater	Dave: <ul style="list-style-type: none"> Thomas: <ul style="list-style-type: none"> Update roll-back Fixed corner cases about file management Cleaned up code Fabrice: <ul style="list-style-type: none">
	Cloud Services	Fernando: <ul style="list-style-type: none"> Alberto: <ul style="list-style-type: none"> Russ: <ul style="list-style-type: none"> US Holiday
	QA	Isabel: <ul style="list-style-type: none"> Reviewing David's USs Got my Sensorweb dev kit :) Michael: <ul style="list-style-type: none">
Hardware	John Colombo	<ul style="list-style-type: none"> US Holiday
UX	Jacqueline	<ul style="list-style-type: none">
Program Mgt	Julie	<ul style="list-style-type: none"> US Holiday

Meeting Topic: Sensor Web Stand-up

Date: Friday, January 13, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none"> Legal discussion yesterday and Mika is investigating issues User Stories for Web Service https://docs.google.com/document/d/1vUwMsNPerGYksjJv9kQLWfKbc8xBXmLNc2GrAvNx6m8/edit Open for comments and editing - please do and let me know if this is what you would like Jim Cook PLR next week prep Discussion today about sourcing sensor data from partner Working on Dev Beta user stories Reorg Jira next week and bring user stories into it

Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	<p>Dylan:</p> <ul style="list-style-type: none"> Hardware meeting with KD yesterday: <ul style="list-style-type: none"> Next 20 dev boards should be shipping today Looks like we will change to the laser-based sensor for PM2.5 rather than the PPD42 we have been working with <p>Marcus:</p> <ul style="list-style-type: none"> Added LASS data to website (uploading as we speak), addressed performance issues Researched localization libraries
	Firmware / Updater	<p>Dave:</p> <ul style="list-style-type: none"> Looking into encryption. Running RSA on the bluetooth processor will be problematic (not enough RAM), so I'm looking at Curve25519 instead. The sample app for sending the SSID/password used RSA to exchange the AES secret used to encrypt the SSID/password. Some type of AES appear to be directly supported. <p>Thomas:</p> <ul style="list-style-type: none"> Fixed bugs in string conversion Rust<>C Update rollback getting more reliable <p>Fabrice:</p> <ul style="list-style-type: none">
	Cloud Services	<p>Fernando:</p> <ul style="list-style-type: none"> Working on multitenancy support. Reviewing Julien's work on user authentication. <p>Alberto:</p> <ul style="list-style-type: none"> Still working on #204. Sent a PR and planing to send it to review soon <p>Russ:</p> <ul style="list-style-type: none"> Finishing up addressing Fernando's review comments, mostly on tests. One he can't get to work. Needs some assistance from Fernando on that. <p>Julien:</p> <ul style="list-style-type: none"> User authentication flow is working -- asked feedback to Fernando, and need to work on tests now
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> Got some UI tests running both on android emulator and devices Tested new issues landed in Sensorthings API <p>Michael:</p> <ul style="list-style-type: none"> Still playing with Selenium
Hardware	John Colombo	<ul style="list-style-type: none">
UX	Jacqueline	<ul style="list-style-type: none"> Working towards wireframes for the Beta release. Review user stories written by David later today

Program Mgt	Julie	<ul style="list-style-type: none"> • More planning! • Presentation prepping
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Meeting Topic: Sensor Web Stand-up

Date: Thursday, January 12, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none"> •
Product	David	<ul style="list-style-type: none"> • Held meetings yesterday with marketing and other folks on the team to get input for users stories • Have been working on a presentation to be made next week to Jim Cook regarding project goals for the 10K units • Discussed requirements related to hardware for EVT
Market Research	Irina	<ul style="list-style-type: none"> • Still working through the air purifier / monitoring products
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> • Marcus: <ul style="list-style-type: none"> • Yesterday: upgraded setup app to achieve parity with website (latest package versions of webpack2, styled-components, etc) • Today: adding a snapshot of the LASS taiwan data for testing -- addressing some performance issues with rendering the map markers • Soon: preparing website for localization Julien: <ul style="list-style-type: none"> • (working in the Cloud Services part)
	Firmware / Updater	Dave: <ul style="list-style-type: none"> • Continuing on bluetooth. Making slow but steady progress. Thomas: <ul style="list-style-type: none"> • Trying to get update roll-back working • Currently debugging filename string-handling problems: can download, update, roll-back but sometimes filenames are incorrect Fabrice: <ul style="list-style-type: none"> •
	Cloud Services	Fernando: <ul style="list-style-type: none"> • Mostly busy with DOM team work today. • Reviewed Alberto's work on the filtering feature of the ST API • Landed patch with redirection URLs support on sensorweb-server • PR to allow adding redirection URLs through admin panel Alberto: [will miss the standup today, sorry] <ul style="list-style-type: none"> • Landed #199, filter basic usage

		<ul style="list-style-type: none"> Working on issue #204, level 3 test issue <p>Russ:</p> <ul style="list-style-type: none"> Refactoring tests, adding new tests per Fernando's review comments <p>Julien</p> <ul style="list-style-type: none"> Finished the bulk of the code for facebook auth -- next is testing and polishing... and tests of course.
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> No new updates, same work than yesterday <p>Michael:</p> <ul style="list-style-type: none"> Set up my Selenium environment, now going to see what I can do with it.
Hardware	John Colombo	<ul style="list-style-type: none">
UX	Jacqueline	<ul style="list-style-type: none"> Working towards wireframes for the Beta release. Review user stories written by David later today
Program Mgt	Julie	<ul style="list-style-type: none"> Held meeting with legal to work on MSA and an SOW for the tooling. We need to wait until we receive approval form Jim Cook for the entire project spend request before submitting a request for a P.O. to invoice against for the tooling. Worked on presentation to respond to Jim Cook's questions. Held meeting with Peiying Mo to discuss options for localization. Peiying can communicate with the Taiwan community to get it done. Sent email introductions to several team members to ask them to work with Peiying to identify what strings, docs, etc. will need to be translated to Chinese. Attended Marketing Plan meeting where we covered primarily the marketing plan for the beta service to be launched March 1.

Meeting Topic: [Sensor Web Stand-up](#)
Wednesday, January 11th, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none">
Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	<p>Dylan:</p> <ul style="list-style-type: none"> Was in planning sessions yesterday and will work on service offering later today with Marcus and Jacqueline <p>Marcus:</p> <ul style="list-style-type: none">

	Firmware / Updater	<p>Dave:</p> <ul style="list-style-type: none"> Continuing with bluetooth <p>Thomas:</p> <ul style="list-style-type: none"> Worked on update and roll-back mechanism <p>Fabrice:</p> <ul style="list-style-type: none">
	Cloud Services	<p>Fernando:</p> <ul style="list-style-type: none"> Updated patch to allow redirection URLs on SW Clients API. For the user auth flow. Updating admin panel to add these redirection URLs <p>Alberto:</p> <ul style="list-style-type: none"> Sent a PR for basic \$filter usage (it fixes 1 level 3 test too) Will work on 204, which is the next level 3 failure. Updating the server for Marcus being able to use last version <p>Russ:</p> <ul style="list-style-type: none"> Finished addressing Fernando's comment. Will work on another set of comments today. <p>Julien:</p> <ul style="list-style-type: none">
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> Updated sensorweb client Investigating how to automate the website on android devices/emulator. Meeting with Michael to talk about automation work <p>Michael:</p> <ul style="list-style-type: none"> Met with Isabel to talk about automation work Setting up my dev environment Looking at Selenium
Hardware	John Colombo	<ul style="list-style-type: none"> Working with Finance and PM on new SOW to cover work before CNY Evaluating proposal to move to laser sensor - goes from 25% error rate to 3%. BOM cost would go down a little and it would cost about \$25K for the change. Will affect the firmware code for sure.
UX	Jacqueline	<ul style="list-style-type: none"> Was in the planning meeting yesterday. Today will review user stories with David, Marcus, Dylan
Program Mgt	Julie	<ul style="list-style-type: none"> Held planning sessions yesterday <ul style="list-style-type: none"> Working on major milestones - definitions, what needs to be delivered and when Documented ownership, what remains to be done, etc. All this will be put into a schedule by end of the week Continued working on KD payments and moving the MSA process forward

Meeting Topic: [Sensor Web Stand-up](#)
Tuesday, January 10th, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none"> Terminology/codenames: <ul style="list-style-type: none"> Device = Perch web/app = Robin API/Cloud = SensorWeb
Product	David	<ul style="list-style-type: none"> PRD and stories underway but not nearly done.
Market Research	Irina	<ul style="list-style-type: none"> Working through this list of air monitoring and purification products
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> Marcus: <ul style="list-style-type: none"> Posted tracking issue for needed server query options Met with david Continuing cleanup work
	Firmware / Updater	Dave: <ul style="list-style-type: none"> Continuing to work on bluetooth Thomas: <ul style="list-style-type: none"> Fabrice: <ul style="list-style-type: none">
	Cloud Services	Fernando: <ul style="list-style-type: none"> No update. Working with DOM team today. Alberto: <ul style="list-style-type: none"> Working on issue 204 and 199 Russ: <ul style="list-style-type: none"> Updating CreateObservations pull request based on Fernando's comments Julien: <ul style="list-style-type: none"> Continuing with Facebook auth implementation
	QA	Isabel: <ul style="list-style-type: none"> Looked at the new website UI Jira: created a few more test cases and the Regression test suite. Question about Jira updates Michael: <ul style="list-style-type: none"> Spent time writing up my notes on CES, viewable here: https://docs.google.com/a/mozilla.com/document/d/19rS1rQ0jAxYSk78usHNHPkwVFtAWKFrRLToISOAhNI/edit?usp=sharing Today: Finishing the document up and diving back into the code to learn more about it
Hardware	John Colombo	<ul style="list-style-type: none"> Conference call with KD on engineering status, evaluation of the laser-based PM2.5 sensor and impact on schedule and cost

		<ul style="list-style-type: none"> Working with Julie on getting the paperwork in place for the tooling PO and the release of the MSA for the contract manufacturer.
UX	Jacqueline	<ul style="list-style-type: none"> Planning today Talked with user research, will schedule meeting with UR/David/Julie next week to review possible research activities
Program Mgt	Julie	<ul style="list-style-type: none"> Held planning sessions. <ul style="list-style-type: none"> Confirmed milestones, agreed upon what to call them so they can easily be referenced, revised some dates Defined scope (deliverables) for each, owners Focused first on the Q1 milestones: beta service, first developer offering, EVT Identified what stories need to be written Identified what remains to be done for each milestone

Meeting Topic: Sensor Web Stand-up
Monday, January 9th, 2017





Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none"> Sent out mail about initial data source Request to look at map source Working on outline for user stories around Q1 release to developers/early users Work with Julie to get User stories into Jira this week
Market Research	Irina	<ul style="list-style-type: none"> Working through this list of air monitoring and purification products
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> Marcus: <ul style="list-style-type: none"> Implemented the “Favorites” drawer, the “settings” modal, and cleanups for julien. Will post issue for tracking server query params / optimization for website
	Firmware / Updater	Dave: <ul style="list-style-type: none"> Continued working with bluetooth Thomas: <ul style="list-style-type: none"> Returned from PTO and sick leave (Happy new year, everyone!) Worked through 3 weeks of emails Updated Github PR for updater example Now starting with update test and roll-back features

		<p>Fabrice:</p> <ul style="list-style-type: none"> • No update.
	<p>Cloud Services</p>	<p>Fernando:</p> <ul style="list-style-type: none"> • Returned from PTO. Catching up with emails, reviews, etc. • Discussed users auth architecture with Julien. • Labeled sprint 5 issues. • Patch to allow setting a redirection url on the Clients API. Needed for the users auth flow. • Sprint Planning: <ul style="list-style-type: none"> ○ Users management <ul style="list-style-type: none"> ■ Julien has been doing a great work here. ■ We discussed and agreed on a final architecture this morning. ■ This would be a great demo if we could finish it in time for Friday. At least, demonstrating that we are able to complete an OAuth flow with one IdP (likely Facebook). ○ Authentication and multi-tenant architecture <ul style="list-style-type: none"> ■ This is something that we will need in order to make the API available for developers in March. ■ It includes part of the work required for the users management part. ■ We won't be able to finish it entirely for this sprint, but we will be starting it now. ○ OGC tests failures <ul style="list-style-type: none"> ■ As you know, we are passing levels 1 and 2. Now we need to fix the failures on the level 3 test suite. https://mozilla-sensorweb.github.io/sensorthings/ ■ This could be another demo if we manage to finish it in time. But it's hard to tell... ■ ○ SensorThings Data Array Extension <ul style="list-style-type: none"> ■ Russ is doing great work here. There's a PR in review with most part of the functionality done. ■ Another potential demo, but I'll let Russ comment if it's viable for Friday. ○ <p>Alberto:</p> <ul style="list-style-type: none"> • Catching up emails • Reviewing new issues

		<ul style="list-style-type: none"> Working on issue #204 (related to level 3 tests) <p>Russ:</p> <ul style="list-style-type: none"> Addressing Fernando's review comments of my CreateObservations PR. <p>Julien:</p> <ul style="list-style-type: none">
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> First day after holidays, catching up with email, news and so <p>Michael:</p> <ul style="list-style-type: none"> First day back, catching up on stuff and writing up some things on what I saw at CES
Hardware	John Colombo	<ul style="list-style-type: none">
UX	Jacqueline	<ul style="list-style-type: none">
Program Mgt	Julie	<ul style="list-style-type: none"> Working on getting KD paid. Invoices to be sent to accounting. Having trouble with getting a P.O. issued for the tooling work because this work isn't referenced in the SOW, nor is there a MSA in place with KD that references that KD will manage the CM for us and pass through the costs.

Meeting Topic: [Sensor Web Stand-up](#)
Friday, January 6, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none"> Catching Up Looking at Pre-pop data - looks similar Writing release scope and user stories
Market Research	Irina	<ul style="list-style-type: none">
Software Engineering	App / Web	<p>Dylan:</p> <ul style="list-style-type: none"> Good email exchange with SensorUp, they are on board with data sharing Met with David to continue discussion on the project so far and initial thoughts around the Q1 deliverables We now have four different Sensorweb mailing lists (not including Discourse) -- can we get this down to one?

		<div>  SensorWeb sensorweb@mozilla.com </div> <div>mozilla.com</div> <div>  Project Sensor Web AWS project-sensor-web-aws@mozilla.com </div> <div>  Project SensorWeb in Taiwan sensorweb-tw@mozilla.com </div> <div>  Project SensorWeb Team Project-SensorWeb-Team@mozilla.com </div> <ul style="list-style-type: none"> ○ ○ Also: mozilla-dev-sensorweb@m.o ○ Maybe AWS is acceptable for special case, I'm not sure about how/when that one is being used. <p>Marcus:</p> <ul style="list-style-type: none"> • Updated http://tiny.cc/sensorweb with latest code drop; view is mobile-only for now <p>Julien:</p> <ul style="list-style-type: none"> • Looked at integration with Facebook. Getting up to speed.
	Firmware / Updater	<p>Dave:</p> <ul style="list-style-type: none"> • Got KD provided firmware building. Ran on our board and verified that temp/humidity/LEDs/particle sensor all seem to be working. • Faked particle sensor with a fixed signal to verify that I got a fixed reading. <p>Thomas:</p> <ul style="list-style-type: none"> • <p>Fabrice:</p> <ul style="list-style-type: none"> • Finishing splitting board-specific code in another crate.
	Cloud Services	<p>Fernando:</p> <ul style="list-style-type: none"> • <p>Alberto:</p> <ul style="list-style-type: none"> • <p>Russ:</p> <ul style="list-style-type: none"> • Code clean up and created what I believe should be the final PR for CreateObservations • Today: Update the PR to include an additional validation of the input request; investigate SensorThings API issues
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> • <p>Michael:</p> <ul style="list-style-type: none"> •
Hardware	John Colombo	<ul style="list-style-type: none"> •
UX	Tiffanie, Jacqueline	<ul style="list-style-type: none"> • Continuing to work on the redesigns and refining the wireframes.

		<ul style="list-style-type: none"> Meeting with team to go through presentation, as well as meeting with David to talk about designs.
Program Mgt	Julie	<ul style="list-style-type: none"> Met with Karen, Houman re. need to prepare a presentation for Jim Cook to justify why we need 10K units. Jim wants to know what we can't meet our objectives with 1K units. Meeting scheduled for 10 AM to draft the presentation. Working on request for P.O. for tooling. SOW #2 doesn't call this out specifically so need to make the connection between the SOW and the request for the P.O. so there won't be a problem when the invoice comes in. Have been scheduling additional planning meetings for next week while in Mountain View. Had meeting with Tony and Karen re. Go To Market requirements for the overall plan. Continued working on organizing project documentation in the shared Google folders

Meeting Topic: Sensor Web Stand-up
Thursday, January 5, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none">
Product	David	<ul style="list-style-type: none"> HW - Started looking at H/W - where are H/W specs and acceptance criteria? Tooling seems like there are some dates, but need to know them. How is/will functional design being tested or have specs? (drop, weight, glanceability, water resistance, air flow, mountability, serviceability)? Working on spec/stories for web Service/Developer beta launch in Feb. Do we have test plans for EVT? Or test labs lined up for things like moisture testing, extended life testing, accuracy of sensors? Working on reviewing data providers for pre-population of data in Taiwan - looks like all sources lead to EPA sources or LASS project >1000 devices deployed in Taiwan with about 300 in Taipei. We should consider this Map provider eval - have we selected? Work with Julie on creating a taxonomy for stories and roles and start looking at end to end stories. Will take a bit of time but will first start with Feb launch. Then have time to focus on longer range.
Market Research	Irina	<ul style="list-style-type: none"> Working through list of Smart Home companies and their offerings
Software	App / Web	Dylan:

Engineering		<ul style="list-style-type: none"> Met with Patrick (BD) about relationship with SensorUp Soldered up some connectors for the PPD42 to see if we can get it hooked up to the dev board (Tony is sending something more official too I think) <p>Marcus:</p> <ul style="list-style-type: none"> Looked into gerard-majax's request to display a Paris sensor; multiple sensors in same location === uncertain behavior Need to implement API paging and/or query params; enabling all existing sensors leads to 1000+ requests currently <p>Julien:</p> <ul style="list-style-type: none">
	Firmware / Updater	<p>Dave:</p> <ul style="list-style-type: none"> Got Blue LED (attached to nRF51822) on the SensorWeb board to blink. <ul style="list-style-type: none"> Wrote up a wiki page that describes how to flash an image using the nRF51-DK JTAG. https://github.com/mozilla-sensorweb/sensorweb-wiki/wiki/Programming-the-SensorWeb-nRF51822-using-a-n-nRF51DK Started working through the nordic tutorials, and got a BlueTooth Hello World program running on the DK. <p>Thomas:</p> <ul style="list-style-type: none"> <p>Fabrice:</p> <ul style="list-style-type: none"> [READ ONLY] Splitting board-specific code out of the generic cc3200 repository.
	Cloud Services	<p>Fernando:</p> <ul style="list-style-type: none"> PTO <p>Alberto:</p> <ul style="list-style-type: none"> PTO <p>Russ:</p> <ul style="list-style-type: none"> Finished addressing the use case where some Observation instances fail to be created. Also addressed the use case where Observation instances are not created in the same order as the input. Today: code clean up, create Pull Request
	QA	<p>Isabel:</p> <ul style="list-style-type: none"> PTO <p>Michael:</p> <ul style="list-style-type: none"> PTO
Hardware	John Colombo	<ul style="list-style-type: none"> KD has developed an MSA to execute between KD and the CM (contract manufacturer). KD has narrowed its CM choices to 3. Need to get the P.O. for the tooling submitted by end of next week.
UX	Tiffanie, Jacqueline	<ul style="list-style-type: none"> Continuing to work on the redesigns and refining the wireframes.

Program Mgt	Julie	<ul style="list-style-type: none"> Reviewing all the KD bugs today and working on the tooling purchase order. Julie is collecting ship-to addresses form Fernando, Alberto, and Isabel so boards can be sent to them. Marcus will receive one in the SF office unless he wants it shipped to his home. The remaining boards will be shipped to Mountain View.
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Meeting Topic: **Sensor Web Stand-up**
Wednesday, January 4, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	•
Product	David	•
Market Research	Irina	•
Software Engineering	App / Web	•
	Firmware / Updater	<ul style="list-style-type: none"> Thomas: out sick? Fabrice: <ul style="list-style-type: none">
	Cloud Services	<ul style="list-style-type: none"> Fernando: Alberto: Russ: Have the response coded for the most basic use case. Will refactor and work on instance-creation error use case. Julien: Worked on user management and got some things working. Will ask Fernando for feedback.
	QA	<ul style="list-style-type: none"> Isabel: pto Michael: pto
Hardware	John Colombo	• Replacement to continue?
UX	Tiffanie, Jacqueline	•
Program Mgt	Julie	<ul style="list-style-type: none"> .

Meeting Topic: **Sensor Web Stand-up**
Tuesday, January 3, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	<ul style="list-style-type: none"> CD meeting today reiterated goal to release SWeb “service” in Q1. Need to define exactly what this service is so that we can build toward it. Detailed planning to happen next week.
Product	David	<ul style="list-style-type: none"> <PTO>
Market Research	Irina	<ul style="list-style-type: none"> Researching Smart Home companies to drive discussion on potential customers / partners in the Smart Home space
Software Engineering	App / Web	<ul style="list-style-type: none"> Dylan: Meeting to be scheduled this week with Patrick to discuss use of Sensor Up’s air quality data. They have some data for Taipei. Marcus: Over break: <ul style="list-style-type: none"> Updated build system from webpack to webpack2 (benefit: smaller file size) In-progress: migrating CSS to styled-components (benefit: clearer behavior); ETA 1d In-progress: landscape mode / mobile layout; ETA 2d
	Firmware / Updater	<ul style="list-style-type: none"> Dave: <ul style="list-style-type: none"> New board needs the FTDI EEPROM updated. Under linux, I wrote up a document here: https://github.com/mozilla-sensorweb/sensorweb-wiki/wiki/Flashing-the-FTDI-EEPROM-under-linux Under Windows, TI provides a template for use with FTDI’s FT_PROG utility: http://processors.wiki.ti.com/index.php/CC31xx_%26_CC32xx_FTDI_Flashing Thomas: Out of the office this week Fabrice: <PTO>
	Cloud Services	<ul style="list-style-type: none"> Fernando: <PTO> Alberto: <PTO> Russ: (over break) <ul style="list-style-type: none"> Landed CreateObservations validation code. Created PR for creating Observation instances. In progress: returning CreateObservations response, fixing test where FeatureOfInterest is not supplied. Julien: <PTO>
	QA	<ul style="list-style-type: none"> Isabel: <PTO> Michael: <PTO>

Hardware	John Colombo	<ul style="list-style-type: none"> EVT schematic, gerbers and designs completed (Big Milestone!). Need to review before Chinese New Year so boards can be released prior. Working with Julie and Karen on documentation, due diligence and process for selection of CM. Also putting in place needed documents and data to release the tooling purchase orders before CNY as well.
UX	Tiffanie, Jacqueline	<ul style="list-style-type: none"> Just before the break, we met with Yomi to provide him with requirements for round 5 designs. He has provided renderings to us based on those requirements, and Julie is moving the 2:30, Jan 3rd meeting to review the renderings to Jan. 4th to better accommodate schedules. Jacqueline and Tif will meet with David this week to update him on progress to date.
Program Mgt	Julie	<ul style="list-style-type: none"> Julie will be in the Mountain View office next week to hold meetings with team members to put more detail to the project plan. Recommendation to come up with some goals for a sprint ending on January 13th to keep momentum going. With a lot of engineers out this week, the deliverables will be lighter than normal, but let's come up with some goals for what can be delivered with the smaller team.

	Details				
Vision	<p>Vision: Web as means to advance the transparency of our physical world</p> <p>Idea: An open data network for people to collectively contribute and access environmental data in areas that matter to them the most</p> <p>Assumptions:</p> <table> <tr> <td>Data consumption</td><td>We believe that people would like to access hyperlocal environmental data</td></tr> <tr> <td>Data contribution</td><td>We believe that people will promote and contribute to grow our ecosystem</td></tr> </table>	Data consumption	We believe that people would like to access hyperlocal environmental data	Data contribution	We believe that people will promote and contribute to grow our ecosystem
Data consumption	We believe that people would like to access hyperlocal environmental data				
Data contribution	We believe that people will promote and contribute to grow our ecosystem				
Project Status	<p>Project in reset</p> <p>Recent goals:</p> <ol style="list-style-type: none"> Evidence from the experiments to show the consumer needs. (consumer service) Defined product (kit) to be prototyped by partner (hardware solution) Defined Product Plan by Oct 1st. 				
Communication Channels	<ul style="list-style-type: none"> Irc: #sensorweb Internal mailing list: sensorweb@mozilla.com Public mailing list: mozilla-dev-sensorweb@lists.mozilla.org <ul style="list-style-type: none"> https://lists.mozilla.org/listinfo/mozilla-dev-sensorweb Public wiki: https://wiki.mozilla.org/SensorWeb 				

	<ul style="list-style-type: none"> • Project app and library organization: 2 • Vidyo Room: sensorweb • https://groups.google.com/forum/#!forum/mozilla.dev.sensorweb • https://lists.mozilla.org/listinfo/mozilla-dev-sensorweb •
Reference Docs & info:	<ul style="list-style-type: none"> • Project wiki https://wiki.mozilla.org/SensorWeb • Sensor Project folder: SensorWeb google folder • Source code: https://github.com/mozilla-sensorweb • Product Innovation Board update: Aug 10th Project Update Presentation • Product Plan: SensorWeb Product Plan • Gate 1 Product Innovation Board update: Gate 1 Product Innovation Board Update • User Cases: SensorWeb Use Cases • User Stories SensorWeb User Stories • Some easier to “watch” stuff: SensorWeb into video (produced by Peko Chen. Voice is Shannon Clayton) • Project Kickoff Notes 8/26 in MTV • Project Trello: https://trello.com/b/U9mPgNdy/sensorweb • Lean experiments: • Mozilla Branding Guidelines & Resources • EPA Gov PM2.5 scale • SensorWeb Device allocation

TEMPLATE:

Meeting Topic: Sensor Web Stand-up

Date: February xx, 2017

Action/Agenda Item	Assignee(s). Ask the first one for status.	Notes
General	All team	•
Product	David	•
Market Research	Irina	•
Software Engineering	App / Web	Dylan: <ul style="list-style-type: none"> • Marcus: <ul style="list-style-type: none"> •
	Firmware / Updater	Dave: <ul style="list-style-type: none"> • Thomas: <ul style="list-style-type: none"> • Fabrice: <ul style="list-style-type: none"> •
	Cloud Services	Fernando:

		<ul style="list-style-type: none">• Alberto: <ul style="list-style-type: none">• Julien: <ul style="list-style-type: none">• Russ: <ul style="list-style-type: none">•
	QA	Isabel: <ul style="list-style-type: none">• Michael: <ul style="list-style-type: none">•
UX	Jacqueline	<ul style="list-style-type: none">•
Program Mgt	Julie	<ul style="list-style-type: none">•